

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Lee, et al.

Serial No. TBA

Filing Date: Herewith

Confirmation No.: TBA

Examiner: TBA

Docket No. 050324-1321

For: **A CHARGE PUMP HAVING REDUCED SWITCHING NOISE**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98. Listed on the accompanying form PTO-1449 are documents which may or may not be considered material to the examination of this application. These documents were made of record in a prior application filed November 21, 2000 and having serial no. 09/718,963, to which priority is claimed relative to the present application pursuant to 35 U.S.C. §120. Copies of these documents are not being provided pursuant to 37 C.F.R. § 1.98(d)(1) and (2), which provides:

(d) A copy of any patent, publication, pending U.S. application or other information, as specified in paragraph (a) of this section, listed in an information disclosure statement is required to be provided, even if the patent, publication, pending U.S. application or other information was previously submitted to, or cited by, the Office in an earlier application, unless:

(1) The application is properly identified in the information disclosure statement and is relied on for an earlier effective filing date under 35 U.S.C. §120; and

(2) The information disclosure statement submitted in the earlier application complies with a paragraphs (a) through (c) of this section.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By:

  
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Form PTO-1449					Attorney Docket No. <b>050324-1321</b>		Serial No. <b>TBA</b>	
<b>INFORMATION DISCLOSURE CITATION</b>					Applicant <b>Lee, et al.</b>			
<i>(Use several sheets if necessary)</i>					Filing Date <b>Herewith</b>		Group <b>TBA</b>	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	1	4,931,749	6/5/99	Walters			10/17/88	
	2	5,066,870	11/19/91	Kobatake			6/20/90	
	3	5,233,314	8/3/93	McDermott et al.			10/13/92	
	4	5,392,205	2/21/95	Zavaleta			11/7/91	
	5	5,920,233	7/6/99	Denny			11/18/96	
	6	5,491,439	2/13/96	Kelkar et al.			8/31/94	
	7	5,629,650	5/13/97	Gersbach et al.			1/29/96	
	8	5,646,563	9/30/96	Kuo			7/8/97	
	9	5,692,164	11/25/97	Pantelakis			12/18/96	
	10	5,703,511	12/30/97	Okamoto			10/23/96	
	11	5,740,213	4/14/98	Dreyer			6/3/94	
	12	5,767,736	6/16/98	Lakshmikumar et al.			5/27/97	
	13	5,870,003	2/9/99	Boerstler			10/3/97	
	14	5,886,551	3/23/99	Narahara			3/25/97	
	15	5,936,445	8/10/99	Babanezhad et al.			3/21/97	
	16	6,011,822	1/4/00	Dreyer			4/17/97	
	17	6,028,473	2/22/00	Kamei et al.			3/9/95	
	18	6,028,780	2/22/00	Chang			3/12/98	
	19	6,058,033	5/2/00	Williams et al.			10/8/98	
	20	6,064,251	5/16/00	Park			8/27/97	
	21	6,067,336	5/23/00	Peng			10/1/98	
	22	6,075,406	6/13/00	Lee et al.			6/16/98	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.								
EXAMINER'S SIGNATURE:					DATE CONSIDERED:			

Serial No.  
TBA

## INFORMATION DISCLOSURE CITATION

**Applicant**  
**Lee, et al.**

**Filing Date**  
**Herewith**

Group  
TBA

*(Use several sheets if necessary)*

## U.S. PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	30	<i>"Fully-Integrated CMOS Phase-Locked Loop with 15 to 240 MHz Locking Range and <math>\pm 50</math>ps Jitter," Ilya Novof, John Austin, Russ Chmela, Todd Frank, Ram Kelkar, Ken Short, Don Strayer, Mark Styduhar, Steve Wyatt, <a href="#"><u>ISSCC95/Session 6/Digital Design Elements/Paper TA 6.5</u></a></i>
	31	<i>"Digital Clocks and Latches," Ian Young, <a href="#"><u>ISSCC96/February 9, 1996/Sea Cliff/8:30 a.m.</u></a></i>

\* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

**EXAMINER'S SIGNATURE:**

DATE CONSIDERED: